

**DARPA-PA-19-03-03**

**Hyper-Dimensional Data Enabled Neural Networks (HyDDENN)**

As updated December 4, 2019

**Q1.** Is it within scope to feed previously collected data to the FPGA for demonstration?

**A1.** Yes, it is not expected that the demo collect data in real time, only that it can be viewed as a hardware demo to help promote and transition the HyDDENN technology.

**Q2.** Are proposals that use traditional shallow NN (i.e requiring MAC operations) in scope? Should MAC operations be completely avoided, or can they be used ex for signal preprocessing or a shallow NN?

**A2.** The goal of HyDDENN is to promote the use of non MAC based compute primitives as the main source of computing. However, if it is necessary to use a more traditional approach for limited peripheral computing that is within scope.

**Q3.** We are reaching out to inquire if we can submit Letters of Support or Letters of Collaboration as part of the submission package.

**A3.** As stated in the announcement, the technical evaluation will be limited to the 10 page technical proposal. Your technical proposal should mention the existence of such a letter of support if desired to be a part of the technical evaluation, but any technical material discussed only in the letter will not be part of the evaluation if not within the technical proposal itself. Please still attach any letter of support you may have as supporting documentation.